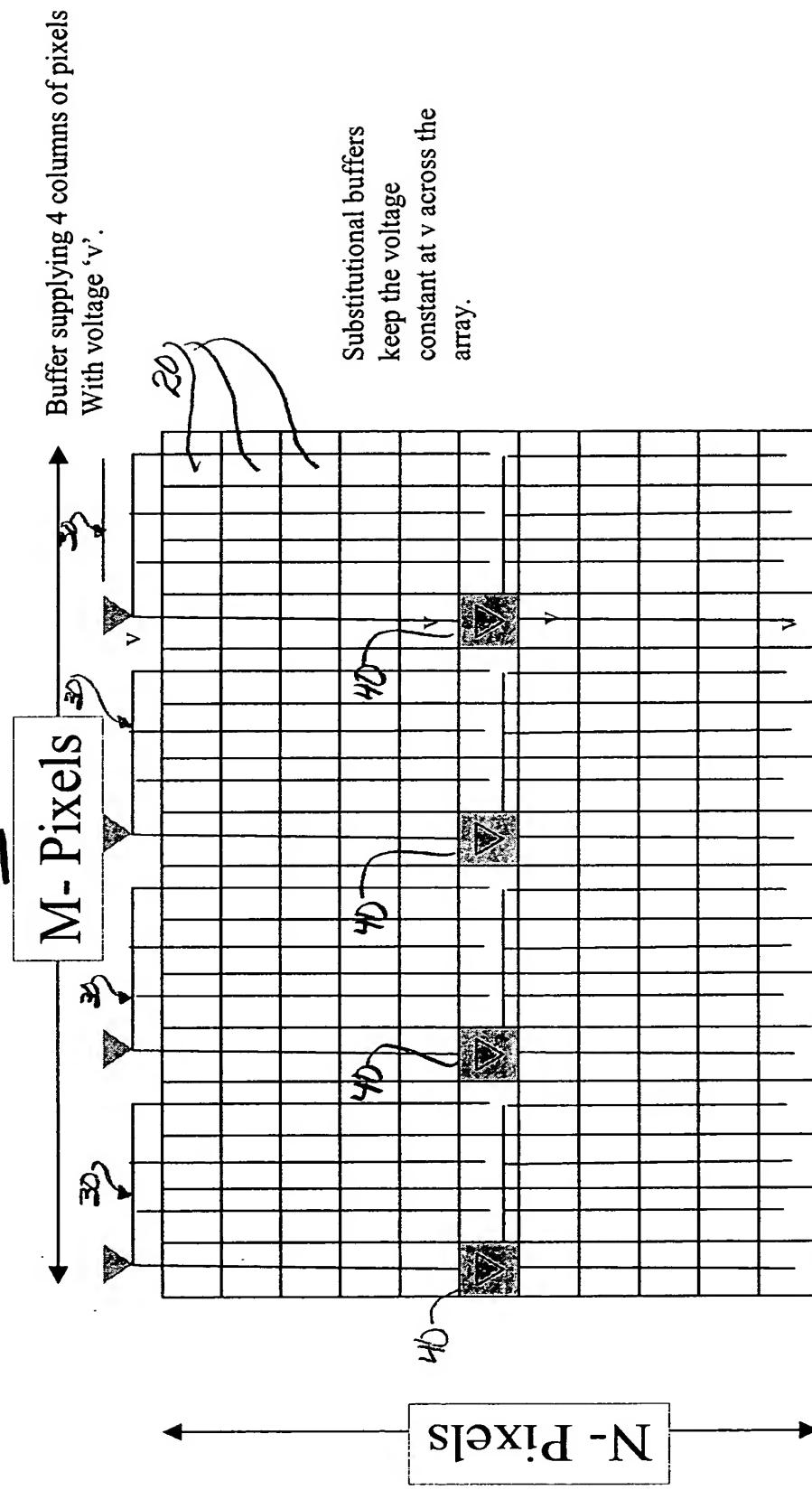


# Image Sensor with $M \times N$ pixels (eg. CMOS image sensor)



Good (imaging) picture element (pixel)

Substituted buffer element

Fig. 1

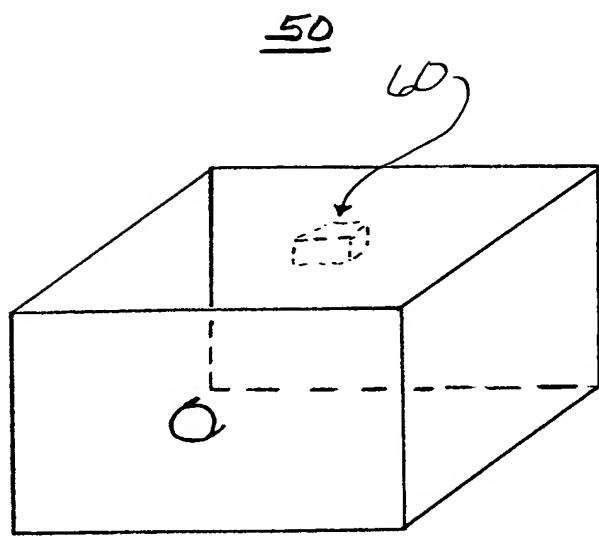


Fig. 2

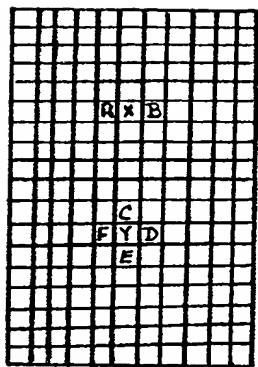


Fig. 3

R	G	R	G	R	G	R	G	R	G
G	B	G	G	S	G	B	G	R	
R	G	R	G	K	G	R	G	K	G
G	B	G	S	G	B	G	B	G	S
R	G	K	G	R	S	R	G	K	G
G	B	G	B	G	B	G	B	G	S
R	K	R	G	R	S	R	G	R	B
G	B	G	B	G	R	G	R	G	B
R	G	R	G	R	G	R	G	K	G
G	B	G	B	G	B	G	B	G	B

Fig. 4a

A	X	B	
			G
		J	Z
		H	
C	D		I
	Y		
F	E		

Fig. 4b